

# Minneapolis Waste Diversion Initiatives



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[www.minneapolismn.gov/solid-waste](http://www.minneapolismn.gov/solid-waste)

# Division of Solid Waste & Recycling

## Services Provided:

- Garbage
- Recycling
- Seasonal Yard Waste
- Bulky Item Collection (Appliances, Mattresses, etc.)
- Organics Collection (Pilot Areas Only)
- Excessive Materials Management
  - Voucher Program @ Transfer Station
  - Requested Cleanups
- Event Recycling Services
- School Organics Service
- Clean City Services
  - Graffiti Abatement
  - Adopt-A-programs
    - Litter container, block, ash receptacle, etc.



# Bulky Item Collection & Voucher Program

## Bulky Item Collection:

### Every Garbage Week

- Up to 2 non-recyclable items may be placed at the curb for collection

### Every Recycling Week

- A total of 2 recyclable/non-recyclable items may be placed out for collection

## Voucher Program @ South Transfer:

### 8 Cleanup Vouchers annually

- Up to 1,000 pounds of garbage and C&D
- Two bulky/large items

### 2 Tire Vouchers annually

- Up to 8 tires each



# South Transfer Station

## Future Modifications

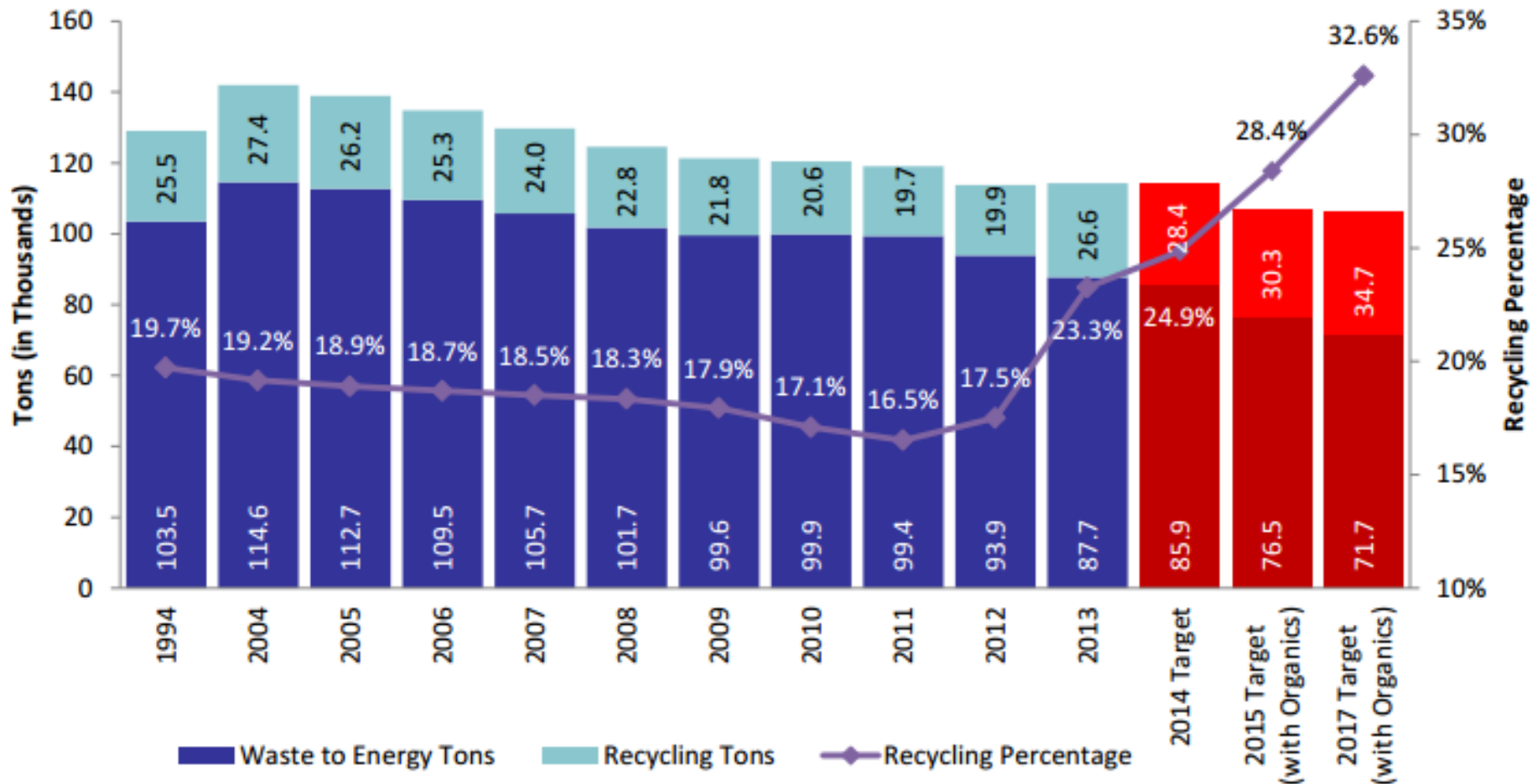
- Collect more reusable & recyclable materials
  - Carpeting
  - Reusable HH items & furniture
  - Clothing
- Evaluate number of vouchers per household





# Waste and Recycling History

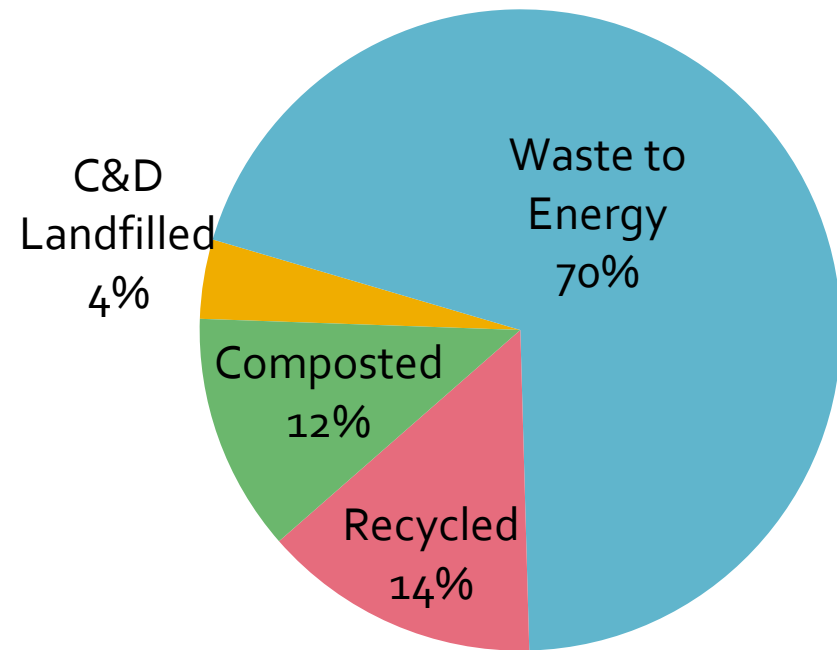
Historic Tons of Recycling and Waste to Energy



# Switch to One-Sort Recycling

**2011**

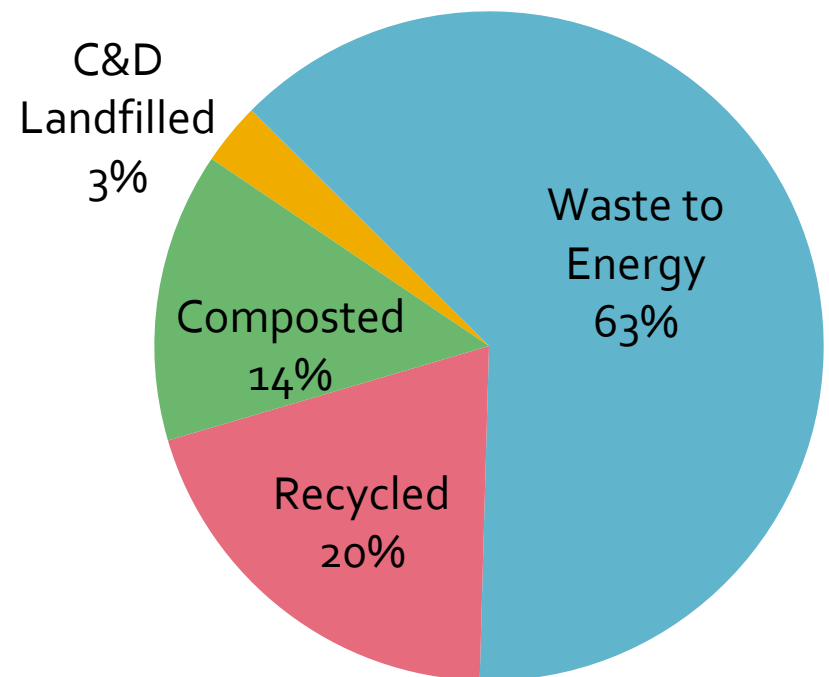
(Dual-Sort pilot operating  
in Seward Neighborhood)



Recycling Tonnage: 18,026 Tons

**2013**

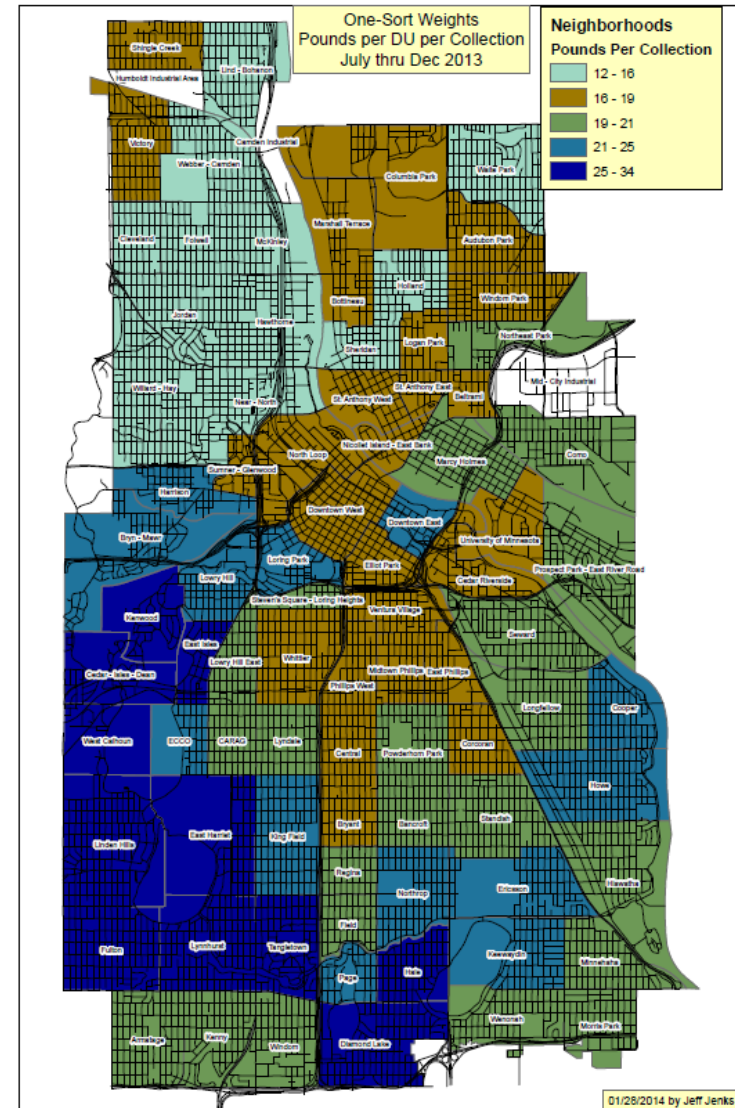
(city-wide One-Sort  
completed in June)



Recycling Tonnage: 24,900 Tons

# Targeted One-Sort Education

- Target underperforming areas using participation data
- Meet with neighborhood and community groups to determine best received educational method for different neighborhoods and underrepresented populations



# Residential Organics Collection Pilots

## Curb/Alley Pilots:

- Opt-in to participate
  - No additional cost
- SSO Alone
- Weekly collection
- 64-gallon vented cart
- Began in 2008, expanded in '09 & ,10
- Foth Study 2013





# City-Wide Organics Collection Recommendation

## Source-Separated Organics Alone Collection

- Opt-in & Everyone pay
  - Base fee increase for all residents (approx. \$3.75/du)
- Weekly Collection
  - No decision on cart size or type



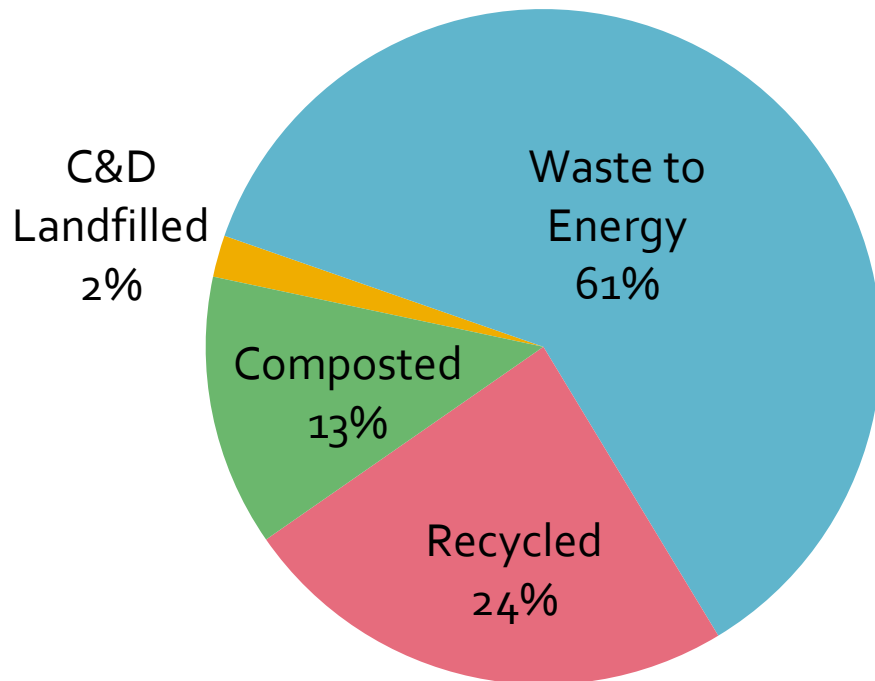
## Estimated Cost for Program:

- Capital Costs (trucks & carts)      \$5.5 million
- Annual Operating Costs      \$4.5 million

# City-Wide Organics Assumptions

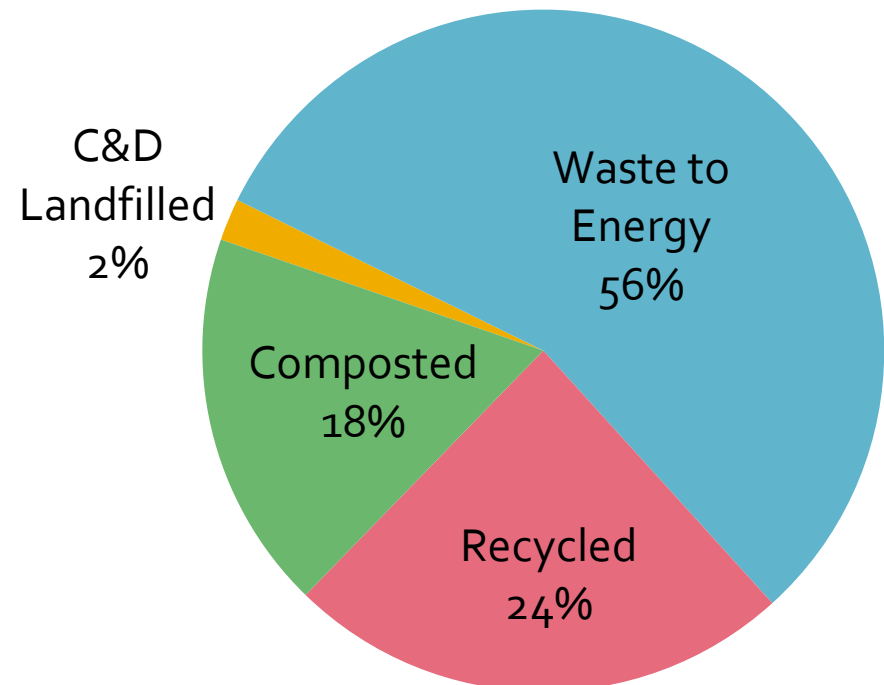
## 2015 Projections

### Without SSO Program



- 13% Composted:
- 97% yard waste
  - 3% organics

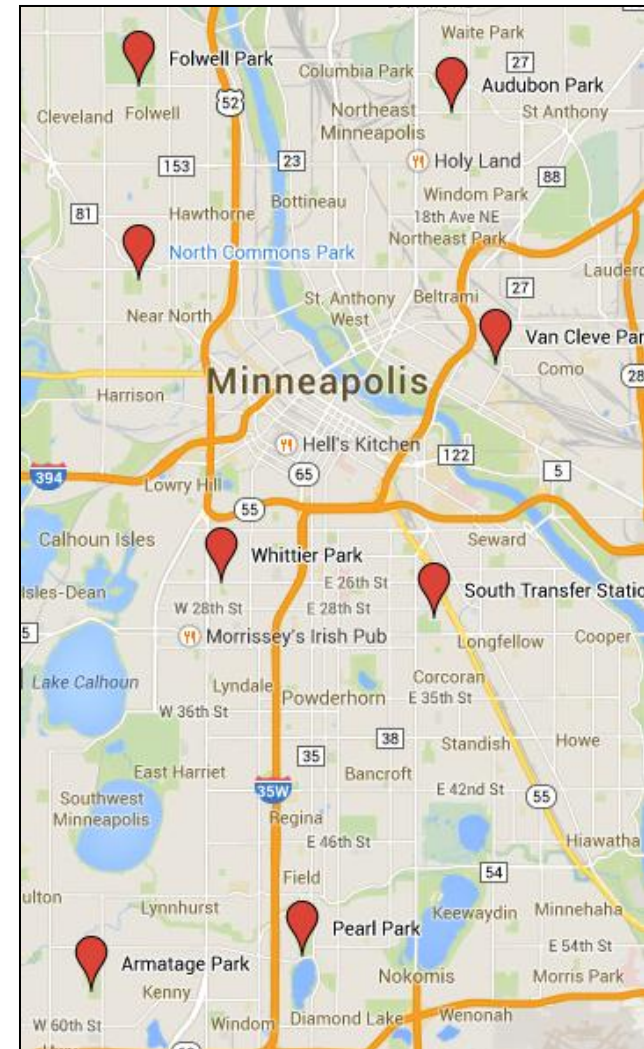
### With SSO Program



- 18% Composted:
- 68% yard waste
  - 32% organics

# Residential Organics Drop-Offs

- **Currently Open:** Pearl Park, South Transfer Station, Van Cleve Park, Audubon Park
- **Opening Soon:** Armatage Park, Whittier Park
- **Targeted Expansion:** Folwell Park (North) & North Commons Park (North)
- Volunteer staffed (first two months) to gather participant information:
  - Neighborhood
  - # and size of bags
  - # of people in household
  - # of dwelling units in home
  - Questions or comments (answered on-site & online)
- After necessary information is gathered participants will be provided with lock code for 24-7 access



# Other City Initiatives

## Revamping internal recycling program

- GreenCorps Member, Aubrey Fonfara, will help evaluate and improve recycling program
  - More public space recycling options
  - Recycling for non-traditional items (pallets, shrink film, bullet proof vests, etc.)
- Create City internal reuse program for office supplies and furniture
- Expand pilot to remove desk-side garbage cans
- Pilot organics collection at several city buildings

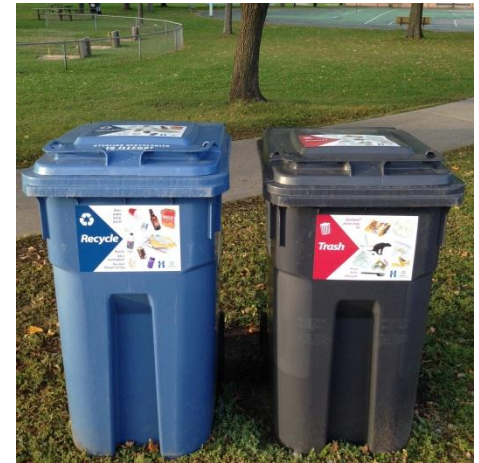




# Other City Initiatives (cont.)

## Public Space Recycling

- Partnership with Minneapolis Park and Recreation Board to add garbage and recycling carts throughout Parks (Began September 2014)
- Piloting public space recycling at 54<sup>th</sup> & Lyndale Special Service District and through an Adopt-A-Recycling Container (Beginning Spring 2015)



# Other City Initiatives (cont.)

## Environmental Acceptable Packaging Ordinance

- Effective Earth Day (April 22<sup>nd</sup>), 2015
- Requires reusable, recyclable (#1, #2, or #5 plastic), or compostable packaging for **food prepared for immediate consumption**
- Requires recycling and/or organics collection containers



Recyclable (Plastics    only)

PETE HDPE PP



Plastics must be certified compostable

# Other City Initiatives (cont.)

## Legislative Agenda

- EPR for mattresses and carpet
- Amend MN Electronics Recycling Act to engage manufacturers more directly and assume greater financial responsibility for products
- Support increased SCORE funding back to counties and cities
- Support State efforts to collect more accurate solid waste data

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